

FORM PTO-1590

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  
TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER:  
1502-1001

U.S. APPL. NO. (if known, see 37 CFR 1.5)

10/031370 ✓

INTERNATIONAL APPLICATION NO.:  
PCT/SE00/01463 ✓

INTERNATIONAL FILING DATE:  
10 JULY 2000 ✓

PRIORITY DATE CLAIMED:  
21 JULY 1999 ✓

TITLE OF INVENTION: MAGAZINE FOR SCREWS ✓

APPLICANT(S) FOR DO/EO/US: Fred SUNDSTRÖM ✓

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
  3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
  4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
  5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
    - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☒ has been transmitted by the International Bureau. (see attached copy of PCT/IB/308)
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
  7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
    - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ have been transmitted by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☐ have not been made and will not be made.
  8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  10. ☐ A translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Item 11. to 16. below concern document(s) or information included:
11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
  13. ☒ A **FIRST** preliminary amendment.
  14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
  15. ☐ A substitute specification.
  16. ☐ A change of power of attorney and/or address letter.
  16. ☒ Other items or information:

INTERNATIONAL PRELIMINARY EXAMINATION REPORT (PCT/IPEA/409), INTERNATIONAL PUBLICATION, INTERNATIONAL SEARCH REPORT (PCT/ISA/210), Form PCT/IB/308, ABSTRACT on a separate sheet, APPLICATION DATA SHEET

U.S. APPLICATION NO. (if known) (see 37 CFR 1.55) **10/031370**

INTERNATIONAL APPLICATION NO.  
PCT/SE00/01463

ATTORNEY'S DOCKET NO.  
1502-1001

17. ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):**

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$ 1,040.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$ 890.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$ 740.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$ 710.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$ 100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 1,040.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	8 - 20 =	0	X \$18.00	\$
Independent claims	1 - 3 =	0	X \$84.00	\$
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$280.00	\$

TOTAL OF ABOVE CALCULATIONS =

\$ 1,170.00

Reduction of 1/2, if applicant is entitled to Small Entity status under 37 CFR 1.27.

+

\$ 585.00

SUBTOTAL =

\$ 585.00

Processing fee of \$130 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$ 585.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+

\$

TOTAL FEES ENCLOSED =

\$ 585.00

Amount to be  
refunded:

charged:

- a. ☒ A check in the amount of \$ 585.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. **25-0120** in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required by 37 CFR 1.16 and 1.17, or credit any overpayment to Deposit Account No. **25-0120**. A duplicate copy of this sheet is enclosed.

SEND ALL CORRESPONDENCE TO:

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00466  
PATENT TRADEMARK OFFICE

January 18, 2002

By

*Benoit Castel*

Benoit Castel  
Attorney for Applicant  
Registration No. 35,041

PATENT  
1502-1001

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of: Fred SUNDSTRÖM

Appl. No.: (unassigned) Group:

Filed: January 18, 2002 Examiner:

For: MAGAZINE FOR SCREWS

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

January 18, 2002

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE ABSTRACT OF THE DISCLOSURE:

Please add the Abstract of the Disclosure attached on a separate sheet attached hereto.

IN THE CLAIMS:

Please amend the claims as follows:

--3. (amended) Magazine according to claim 1, c h a r a c t e r-i z e d in that the framework (1) is made of a number of corrugated boards arranged side by side.--

--4. (amended) Magazine according to claim 1, c h a r a c t e r i z e d in that markings (19) displaying the axial position of the screws (12) within the framework (1) are arranged along at least one long side surface of the framework extending between the front side (4) and the back side (5).--

Please add the following new claims:

--5. (new) Magazine according to claim 2, c h a r a c t e r - i z e d in that the framework (1) is made of a number of corrugated boards arranged side by side.

--6. (new) Magazine according to claim 2, c h a r a c t e r i z e d in that markings (19) displaying the axial position of the screws (12) within the framework (1) are arranged along at least one long side surface of the framework extending between the front side (4) and the back side (5).

--7. (new) Magazine according to claim 3, c h a r a c t e r i z e d in that markings (19) displaying the axial position of the screws (12) within the framework (1) are arranged along at least one long side surface of the framework extending between the front side (4) and the back side (5).

--8. (new) Magazine according to claim 5, c h a r a c t e r i z e d in that markings (19) displaying the axial position of the screws (12) within the framework (1) are arranged along at least one long side surface of the framework extending between the front side (4) and the back side (5).--

REMARKS

The above changes in the claims merely place this national phase application in the same condition as it was during Chapter II of the international phase, with the multiple dependencies being removed.

Claims 1-8 are pending in the present application.

Entry of the above amendments is earnestly solicited. An early and favorable first action on the merits is earnestly requested.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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BC/lmt  
Attachments

## ABSTRACT OF THE DISCLOSURE

A screw magazine includes a form-stiff framework (1) having a front side (4) and a back side (5) between which a plurality of mutually spaced-apart bores (10) extend, each one of which is delimited by an endless limiting wall (11) of a resilient, demolishable nature and of which at least some house screws (12) located at a distance from each other. The length of the individual screw (12) is smaller than the depth of the framework (1) counted as the distance between the front and back sides (4, 5), a free tip of the individual screw being located at a certain distance inside the back side of the framework, at the same time as an end surface on the head of the individual screw (12) is situated in flush with the front side (4) of the framework.

5  
10/031370  
JC13 Rec'd PCT/PTO 18 JAN 2002

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims have been amended as follows:

--3. (amended) Magazine according to claim 1~~or 2~~, c h  
a r a c t e r-i z e d in that the framework (1) is made of a  
number of corrugated boards arranged side by side.--

--4. (amended) Magazine according to ~~any one of the~~  
~~preceding claims,~~ claim 1, c h a r a c t e r i z e d in that  
markings (19) displaying the axial position of the screws (12)  
within the framework (1) are arranged along at least one long  
side surface of the framework extending between the front side  
(4) and the back side (5).--

WO 01/09526

PCT/SE00/01463

2/parts

MAGAZINE FOR SCREWSTechnical Field of the Invention

5 This invention relates to a magazine for screws of the type that includes a shank with a thread and a head at one end of the shank, including a form-stiff framework with a front side and a back side, between which a plurality of mutu-  
10 ally spaced-apart bores extend, which individually are delimited by an endless limiting wall of a resilient, demolishable nature, and of which at least certain house screws located at a distance from each other.

Background of the Invention

15 In industries and crafts as well as for domestic use, self-drilling screws for general fastening purposes are used in an increasing extension. Such screws include a specially designed tip in combination with a thin, sharp thread which  
20 entails that the screw may be fastened in existing work pieces without pre-drilled holes. The driving of the screws usually takes place by means of a drilling screwdriver, the rotatable tool (commonly denominated "bit") of which is applied in a most often cruciform seat in the head of the screw. Like con-  
25 ventional, non-self-drilling screws, screws of this type are usually stored higgledy-piggledy in capsules or storage boxes, e.g. of cardboard. This means that the screws have to be picked up one by one, either directly out of the storage box or possibly out of a pocket on the user's clothing so as to be  
30 individually applied by hand on the rotatable tool of the drilling screw driver. This tool may be magnetized per se in order to facilitate application and retention of the screws. Nevertheless, such manual application of the individual screws is a troublesome and delaying work. A special problem is in-  
35 herent in self-drilling screws inasmuch as the user has to hold and guide the screw so that it is drawn into the work piece in the desired, usually perpendicular direction to the surface of the work piece without the aid of a pre-drilled hole. Rather frequently, it therefore happens that the screw



sways when the driving operation should be initiated. This is something which additionally delays and makes the work in question more difficult.

A screw magazine of the initially generally mentioned kind is previously known by AT 378045. In this case, the screw magazine is tape-shaped and intended to co-operate with a feeding device belonging to a drilling machine or a drilling screwdriver, which feeding device includes two position-determining fences. These fences have the purpose of, at axial feed of the screw-carrying tape, providing for that the individual screw in the drawing in position thereof is oriented perpendicularly to the material, the magazine tape having the purpose of guiding the screws laterally. For this purpose, the screws in the known magazine are considerably longer than the depth of the magazine tape, the individual screw protruding from the front side as well as the back side of the magazine tape. In other words, the use of such screw magazines is limited to only such drilling screwdrivers including a feeding device for the feed of the screw-carrying tape.

#### Objects and Features of the Invention

The present invention aims at obviating the above-mentioned shortcoming of the previously known screw magazine and at providing an improved screw magazine. Therefore, a primary object of the invention is to provide a screw magazine which may be handled manually in the sense that the same does not need to co-operate with particular feeding devices, at which the magazine should be able to be stored in a structured way, for instance in articles of clothing, and if required taken out by the user to directly be applied against the material in which a screw is to be fastened. Another object is to provide a structurally simple magazine, which may be manufactured at low cost.

According to the invention, at least the primary object is attained by features defined in the characterizing clause of claim 1. Preferred embodiments of the invention are furthermore defined in the dependent claims.

Brief Description of the Appended Drawings

In the drawings:

- Fig 1 is a perspective view of a screw-housing magazine according to the invention, the magazine being visualised together with parts of a conventional drilling screw driver,
- Fig 2 is an enlarged cross-section through the screw magazine according to fig 1, and
- Fig 3 is a perspective view showing an alternative embodiment of the magazine.

Detailed Description of Preferred Embodiments of the Invention

In fig 1 and 2, which illustrate a first embodiment of the invention, 1 generally designates a magazine, while 2 designates a partially outlined drilling screw driver or drilling machine. In this machine, a so-called bit 3 constituting a replaceable, rotatable tool by means of which screws may be set in rotation, is included.

The magazine 1 consists of a framework, which in the example has a parallelepipedical basic shape. Thus, the framework has a plane front side 4, which is parallel to an opposite, plane back side 5. In addition, the framework has two opposite, plane and parallel long side surfaces 6, 7 as well as two opposite end portions 8, 9. Between the front side 4 and the back side 5, a plurality of mutually spaced-apart bores or holes 10 extend, each one of which being delimited by an endless limiting wall 11. In some of these bores 10, screws 12 are arranged.

In the embodiment shown, the individual screw 12 consists of a self-drilling screw of the type that in a traditional way includes a shank 13, a head 14 as well as a thread 16 extending backwards from a tip 15, which thread in practice is thin and sharp. In the example, the head 14 is cone-shaped and has a plane end surface 17 in which there is a cruciform seat 18 in which the tool 3 of the drilling screw driver may be applied. It is axiomatic that the head 14 has a larger diameter than the shank 13.

As may be seen in fig 1, the magazine may advantageously be made of a number of corrugated boards arranged side

by side. A simple corrugated board consists of two outer, plane paper webs between which there is an undulated paper web, the crests of which are agglutinated against the insides of the plane paper webs. Multilayer corrugated boards include two or more undulated paper webs which are internally agglutinated against common, plane paper webs. The shown magazine may either be made of simple corrugated boards which have been interconnected by agglutination or of one or more multilayer corrugated boards. In the case the magazine is made of corrugated board, the limiting walls 11 defining each individual bore 10 consist of a narrow portion of a plane paper web as well as a portion of a wave formation in the undulated paper web. By the fact that the limiting wall consists of comparatively thin paper, the wall becomes resilient and easy to demolish. However, together the various paper webs defining a large number of cavities, constitute a form-stiff and stable framework.

As may be seen in fig 2, the individual screw 13 is of a length being somewhat smaller than the height or depth of the magazine. When the screw is applied into the appurtenant bore with the plane surface 17 of the screw head in flush with the front side 4, the tip 15 of the screw will, therefore, be located inside the back side 5 at a certain distance therefrom. Therefore, as long as the screw is stored, the tip will not protrude from the back side. This is something which means that the plane back side 5 may be steadily pressed against a plane surface on the work piece in question. In this state, the head 14 does not protrude from the front side 4. This means that the screws do not risk to get stuck in various objects in the surroundings, e.g. in connection with storage in a clothing pocket or the like.

The individual screw may be applied in the appurtenant bore in various ways. For instance, it is possible to fasten the screw in the bore, the thread 16 partially cutting into the limiting wall 11. When the screw takes its final position in the bore, the upper portion of the limiting wall 11 has been pressed away by the cone-shaped head 14. By the fact that the material of the limiting wall has a certain elasticity, also the pressed-away portion of the limiting wall con-

tributes to hold the screw. Furthermore, the pressing-away of the upper portion of the limiting wall brings about a centring of the rear end of the screw, which in combination with the centring effect of the thread 16 entails that the screw is located mainly exactly perpendicularly to the back side 5, which is to be pressed against the work piece.

It is also feasible to press in the screw axially in the appurtenant bore, the surrounding, resilient wall 11 being possible to apply with an easy press fit against the thread of the screw.

In practice, both the bores housing the screws and the bores being empty may be open at opposite ends, as is shown in the drawings. However, it is also feasible to seal the bores, e.g. by means of a thin plastic film, which covers the back side and/or the front side of the magazine with the purpose of counteracting contamination of the interior of the magazine.

In the embodiment according to figures 1 and 2, a plurality of longitudinal rows of screws 12 are arranged beside each other. More precisely, the magazine includes three longitudinal rows of screws, the screws being arranged in transverse rows of three screws. These transverse rows of screws extend perpendicularly to the long side surfaces of the magazine. On both sides of the longitudinal rows of screws, there are rows of empty bores 10. In an analogous way, there is also at least one empty bore 10 between adjacent screws in one and the same longitudinal row. This means that the individual screw is from all sides surrounded by a number of empty bores in which the comparatively thick screw head 14 may be housed at storage as well as move in connection with the feeding out of the screw from the magazine.

It should be pointed out that the number of screws in the longitudinal rows as well as the transverse rows may vary most considerably.

In a preferred embodiment of the invention, at least one of the two opposite long side surfaces 6, 7 of the magazine is provided with markings 19, which display the axial position of the screws within the magazine. The lateral position of the individual screw has no substantial importance for

self-drilling screws by the fact that the screws in that case do not need to meet a pre-drilled hole. On the other hand, it may be important to show the axial position of the screws so that the screw, when being drawn in, will meet a scribed line or the like on the work piece. Advantageously, the markings may consist of lines extending perpendicularly to the back side of the magazine. It is also possible to provide the outside of the magazine with various forms of printing, e.g. advertising printing.

### The Function and Advantages of the Invention

When the magazine is to be used, it is pressed with the plane back side thereof against the work piece in question. By the fact that this back side is plane, the magazine may in its entirety be held against the work piece in a steady and reliable way. In doing so, the stored screws are fixed in a position where they extend perpendicularly to the pressing surface. When a separate, selected screw is to be fastened in the work piece, the rotatable tool of the drilling screw driver is applied into the screw head seat, and then the screw is set in rotation at the same time as it is manually pressed, at least initially, against the work piece. When the screw gets a foothold in the work piece, it is drawn with a large force into the work piece, the screw being fed out of the magazine. In relation to the driving force, the limiting wall 11, which surrounds the screw, exerts no appreciable resistance to feeding out. During the feeding out, the screw head 14 will therefore break down the surrounding limiting wall 11 substantially without resistance, as is clearly shown to the right in fig 2.

In this connection, it should be pointed out that conventional so-called bits have a limited length, and therefore they are only suitable for short, stored screws. Within the scope of the invention, the possibility of manufacturing considerably longer bits than the conventional ones is, however, envisaged, more precisely with the purpose of enabling driving of screws from a magazine without the chuck of the screw driver penetrating into the magazine.

A substantial advantage of the screw magazine according to the invention is that the rotatable tool, for instance a "bit", which is used to fasten the screw may be brought to engagement with the screw head in a simple and fast way at the same time as the screw is automatically kept controlled in the desired driving-in direction. In addition, the screws may be stored in a well-arranged and tidy way in the magazine. This means that many screws are quickly and easily accessed for the fastening tool at the same time as all annoying work of applying the individual screws to the fastening tool is eliminated. Furthermore, the magazine may be stored in a smooth way, for instance in clothing pockets.

In fig 3, an alternative embodiment of a magazine is shown, which includes only one single longitudinal row of screws 12. Also in this case, the magazine is distinguished by the fact that rows of empty bores 10 are arranged on both sides of a central row of bores in which screws are stored. The limiting walls or paper webs surrounding the central row of bores gives the magazine a width which is considerably larger than the width of only the central row of bores. This means that the back side of the magazine gets a width which is large enough for guaranteeing a firm pressing of the magazine against a work piece in spite of the fact that the magazine only includes one single, comparatively narrow row of screws.

In practice, the magazine according to the invention may have a length within the range of 100-300 mm, and a width within the range of 10-50 mm, the depth of the magazine varying depending on the length of the screws in question.

#### Feasible Modifications of the Invention

The invention is not solely restricted to the embodiments described and shown in the drawings. Although corrugated board is preferred as a starting material for the production of the screw magazine according to the invention, also other materials may be a possibility. It is, for instance, possible to use a comparatively high-porous board of cellular plastic, in which the holes or bores for receipt of screws are formed. At the same time as the cellular plastic gives the magazine form-stiffness, the material in the individual limiting walls

defining the holes is easy to demolish. Also other materials are feasible. Thus, it is only crucial that the screws are mutually spaced-apart a certain distance in the magazine at the same time as the limiting walls of the holes are possible to  
5 demolish or give way without substantial resistance in connection with the driving of the screws.

2007-03-04 10:00

Claims

1. Magazine for screws of the type that includes a shank with a thread and a head at one end of the shank, including a form-stiff framework (1) having a front side (4) and a back side (5) between which a plurality of spaced-apart bores (10) extend, each one of which is delimited by an endless limiting wall (11) of a resilient, demolishable nature, and of which at least some house screws (12) located at a distance from each other, c h a r a c t e r i z e d in that the length of the individual screw (12) is smaller than the depth of the framework (1) counted as the distance between said front and back sides (4,5), a free tip (15) of the individual screw (12) being located at a certain distance inside the back side (5) of the framework, at the same time as an end surface (17) of the head (14) of the individual screw (12) is situated essentially flush with the front side (4) of the framework.

2. Magazine according to claim 1, c h a r a c t e r i z e d in that a number of screws (12) are arranged in at least one longitudinal row having at least one empty bore (10) between adjacent, screw-housing bores in the row, rows of empty bores being arranged on both sides of the row of screws.

3. Magazine according to claim 1 or 2, c h a r a c t e r i z e d in that the framework (1) is made of a number of corrugated boards arranged side by side.

4. Magazine according to any one of the preceding claims, c h a r a c t e r i z e d in that markings (19) displaying the axial position of the screws (12) within the framework (1) are arranged along at least one long side surface of the framework extending between the front side (4) and the back side (5).



(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
8 February 2001 (08.02.2001)

PCT

(10) International Publication Number  
**WO 01/09526 A1**

(51) International Patent Classification<sup>7</sup>: F16B 27/00, B25B 23/08, B65D 73/00

(21) International Application Number: PCT/SE00/01463

(22) International Filing Date: 10 July 2000 (10.07.2000)

(25) Filing Language: Swedish

(26) Publication Language: English

(30) Priority Data:  
9902749-2 21 July 1999 (21.07.1999) SE

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

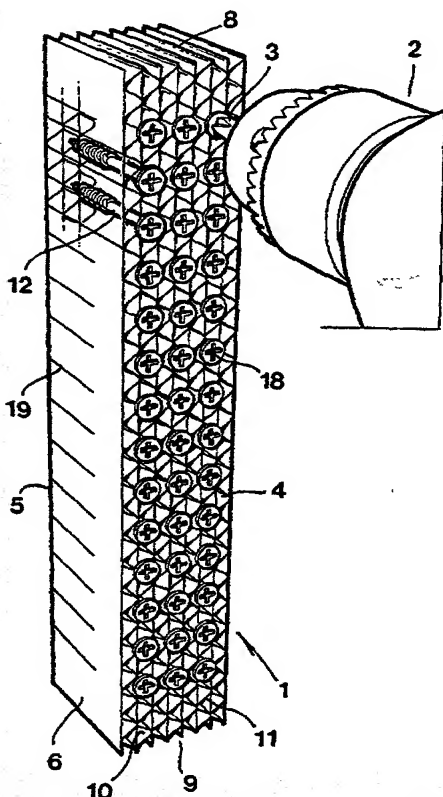
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— With international search report.

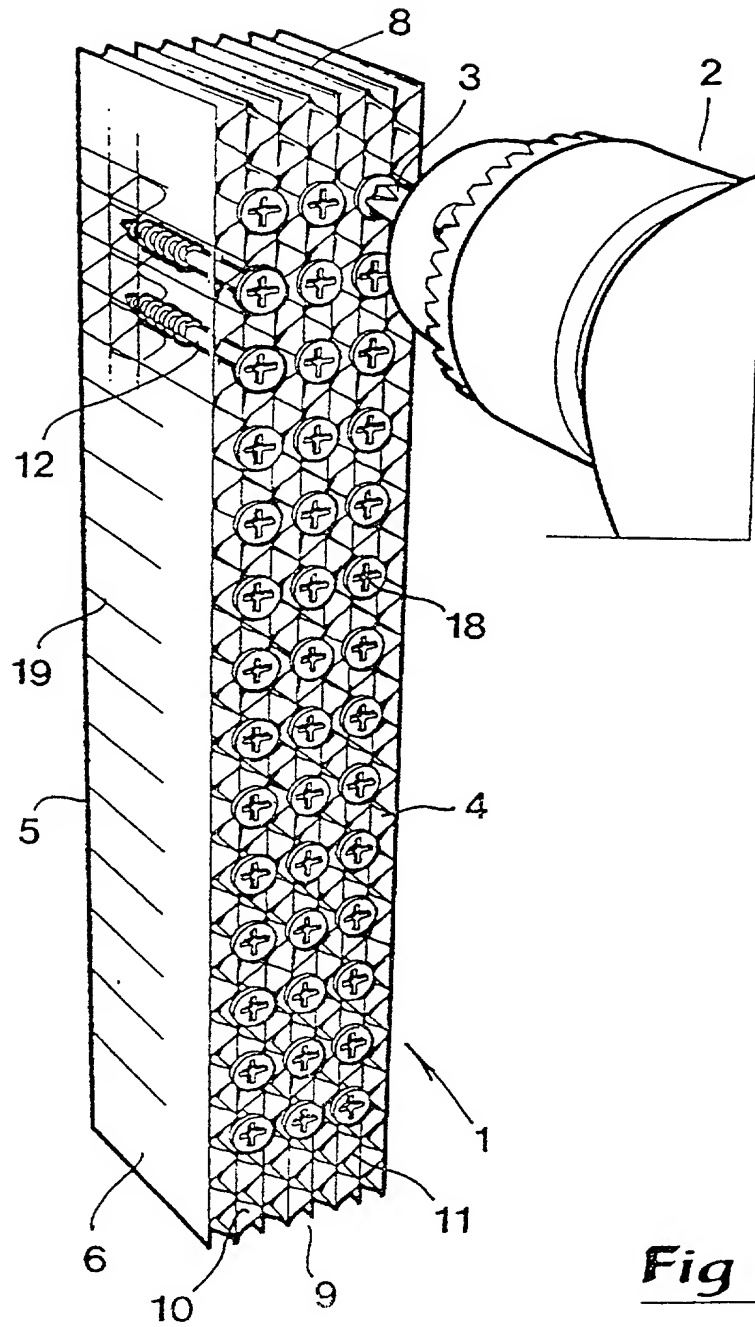
[Continued on next page]

(54) Title: MAGAZINE FOR SCREWS



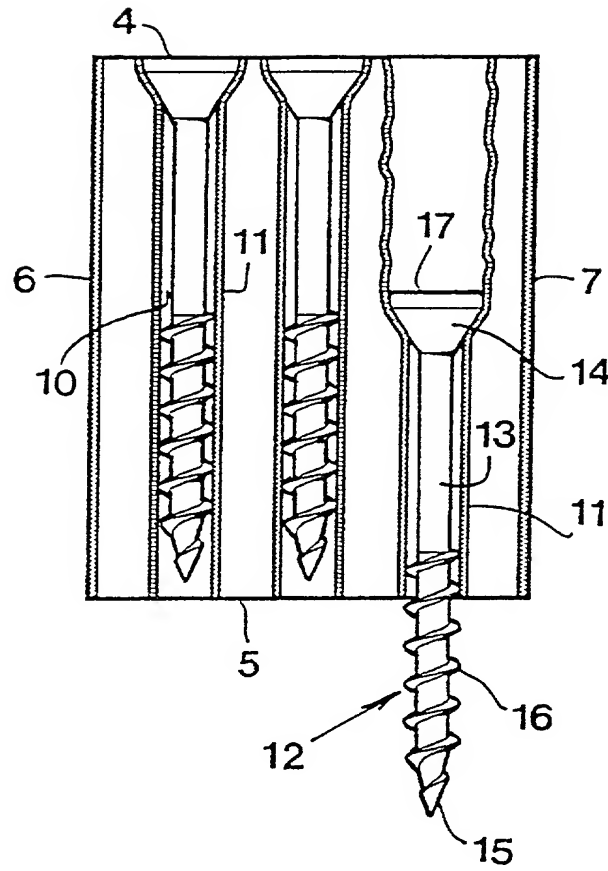
(57) Abstract: The invention relates to a screw magazine which includes a form-stiff framework (1) having a front side (4) and a back side (5) between which a plurality of mutually spaced-apart bores (10) extend, each one of which is delimited by an endless limiting wall (11) of a resilient, demolishable nature and of which at least some house screws (12) located at a distance from each other. According to the invention, the length of the individual screw (12) is smaller than the depth of the framework (1) counted as the distance between said front and back sides (4, 5), a free tip of the individual screw being located at a certain distance inside the back side of the framework, as the same time as an end surface on the head of the individual screw (12) is situated in flush with the front side (4) of the framework.

WO 01/09526 A1

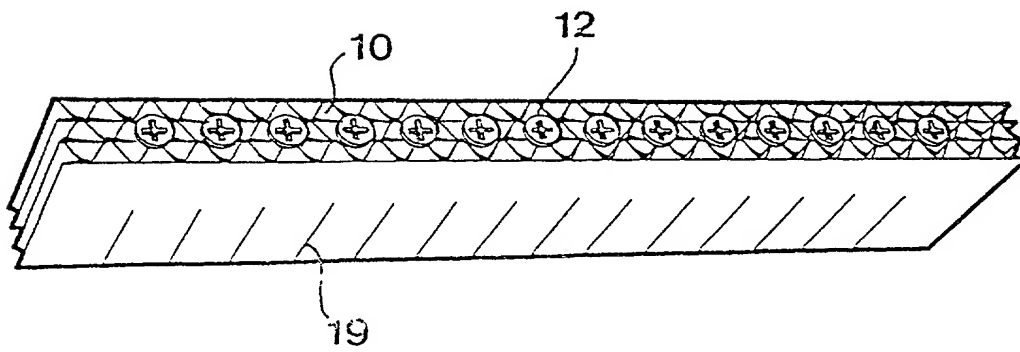


**Fig 1**

2 / 2



**Fig 2**



**Fig 3**

COMBINED DECLARATION AND POWER OF ATTORNEY

Docket No.1502-1001

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MAGAZINE FOR SCREWS

the specification of which: (check one)

REGULAR OR DESIGN APPLICATION

- [ ] is attached hereto.
- [X] was filed on 18 January 2002 as application Serial No. and was amended on (if applicable).

PCT FILED APPLICATION ENTERING NATIONAL STAGE

- [X] was described and claimed in International application No. PCT/SE00/01463 filed on 10 JULY 2000 and as amended on (if any).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

PRIORITY CLAIM

I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

Country	Application Number	Date of Filing (day, month, year)	Priority Claimed
SWEDEN	9902749-2	21 JULY 1999	YES

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

Provisional Appln.

(Application Serial No.)

(Filing Date)

(Status--patented, pending, abandoned)

(Complete this part only if this is a continuing application.)

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Appln.

(Application Serial No.)

(Filing Date)

(Status--patented, pending, abandoned)

## POWER OF ATTORNEY

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from \_\_\_\_\_ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

As a named inventor, I hereby appoint the registered patent attorneys represented by Customer No. 000466 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, including: Robert J. PATCH, Reg. No. 17,355, Andrew J. PATCH, Reg. No. 32,925, Robert F. HARGEST, Reg. No. 25,590, Benoit CASTEL, Reg. No. 35,041, Eric JENSEN, Reg. No. 37,855, Thomas W. PERKINS, Reg. No. 33,027, and Roland E. LONG, Jr., Reg. No. 41,949,

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745 South 23rd Street,  
Arlington, Virginia 22202.



00466  
 PATENT TRADEMARK OFFICE

Address all telephone calls to Young & Thompson at 703/521-2297. Telefax: 703/685-0573.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Fred SUNDSTRÖM  
 (given name, family name)

Inventor's signature \_\_\_\_\_

Date

4/2 - 2002

Residence: Gällö, Sweden

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